



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/660,072	09/11/2003	Faisal M. Awada	AUS920030309US1	6181
7590 Mark E. McBurney International Business Machines Corporation Intellectual Property Law Dept., Internal Zip 4054 11400 Burnet Road Austin, TX 78758			EXAMINER DEBROW, JAMES J	
			ART UNIT 2176	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE			MAIL DATE	DELIVERY MODE
3 MONTHS			03/28/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/660,072

Applicant(s)

AWADA ET AL.

Examiner

James J. Debrow

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 December 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is responsive to communications: Amendment filed 29 Dec. 2006.
2. Claims 1-20 are pending in this case. Claims 1, 8, and 15 are independent claim.

Applicant's Response

3. In Applicant's response dated 29 Dec. 2006, Applicant amended claims 1-5, 8, 9, and 11-19; argued against all objections and rejection previously set forth in previous Office Action.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. **Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Khan et al. (Patent No.: 6,460,038 B1; Filed Sep. 24, 1999) (hereinafter 'Khan'), in view of Kendall et al. (Pub. No.: US 2005/0193053 A1; Effective File Date: Apr, 5, 2002) (hereinafter "Kendall"), further in view of Burke (Patent No.: 6,032,162; Filed Jan. 8, 1998).**

Art Unit: 2176

In regards to independent claims 1 and 15, Khan discloses *means for bookmarking a received Web document* (col. 1, lines 55-64; Khan discloses creating bookmarks to form a link to a web site so that access to the linked web site is granted upon selection of the bookmark).

Khan does not expressly disclose *means for predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents;*

a document folder associated with each alternate display interface format, said document folder providing each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format;

means, responsive to said bookmarking means, for enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and

means for displaying bookmarked documents in said document folder in said alternate display interface format.

Kendall teaches *means for predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents* (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Khan and Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

Khan in view of Kendall does not expressly disclose *a document folder associated with each alternate display interface format, said document folder providing each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format;*

means, responsive to said bookmarking means, for enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and

means for displaying bookmarked documents in said document folder in said alternate display interface format.

However, Burke teaches *a document folder associated with each alternate display interface format, said document folder providing each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format* (col. 5, lines 8-36; Burke teaches categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

means, responsive to said bookmarking means, for enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format (col. 3, line 56 - col. 5, line 36; Burke teaches a user interface in which categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic.).

means for displaying bookmarked documents in said document folder in said alternate display interface format (col. 5, lines 37-52; Burke teaches displaying the bookmarks to the user. It has been established and it well known in the art that access to the bookmarked document/ web site is acquired by clicking/selecting the bookmarked URL.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Khan in view of Kendall with Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claims 2 and 16, Khan does not expressly disclose *the Web system of claim 1 further including:*

Kendall teaches *means for further bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format* (0037; Kendall teaches the URL may be requested by clicking on a URL in another web page, clicking on a hyperlink in an email note, or any other method known or which becomes known in the art. The concept of bookmarking a hyperlink in a

bookmarked Web document in a document folder associated with an alternate display interface format has been established and it well known in the art.).

means, responsive to said means for further bookmarking, for putting the Web document accessed through further bookmarked hyperlink into the document folder associated with said alternate display interface format, wherein said further bookmarked Web document may also be displayed in said same alternate display interface format (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

In regards to dependent claims 3 and 17, Khan discloses *the Web system of claim 1 further comprising:*

Web browsing means at said receiving display station including:

said means for bookmarking a received Web document (col. 1, lines 55-64; Khan discloses creating bookmarks to form a link to a web site so that access to the linked web site is granted upon selection of the bookmark.).

Khan does not expressly disclose *said means for predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents;*

said document folder associated with each alternate display interface format;
said means for enabling a user to put a bookmarked Web document into a
document folder associated with an alternate display interface format; and
said means for displaying bookmarked documents in said document folder in
said alternate display interface format.

Kendall teaches *means for predetermining at least one display interface format*
alternate to said standard display interface format for bookmarked Web documents
(0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences,
along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary
skill in the art to combine Khan and Kendall for the benefit of storing view
settings/preferences of URLs, which makes access to the page faster (0017).

Khan in view of Kendall does not expressly disclose *said document folder*
associated with each alternate display interface format;

said means, for enabling a user to put a bookmarked Web document into a
document folder associated with an alternate display interface format; and

said means for displaying bookmarked documents in said document folder in
said alternate display interface format.

However, Burke teaches *said document folder associated with each alternate display interface format* (col. 5, lines 8-36; Burke teaches categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

said means for enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format (col. 3, line 56 - col. 5, line 36; Burke teaches a user interface in which categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

said means for displaying bookmarked documents in said document folder in said alternate display interface format (col. 5, lines 37-52; Burke teaches displaying the bookmarks to the user. It has been established and it well known in the art that access to the bookmarked document/ web site is acquired by clicking/selecting the bookmarked URL.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Khan in view of Kendall with Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claims 4 and 18, Khan does not expressly disclose *the Web system of claim 3 wherein said browsing means further comprise:*

Kendall teaches *means for further bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format* (0037; Kendall teaches the URL may be requested by clicking on a URL in another web page, clicking on a hyperlink in an email note, or any other method known or which becomes known in the art. The concept of bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format has been established and it well known in the art.).

means, responsive to said means for further bookmarking, for putting the Web document accessed through further bookmarked hyperlink into the document folder associated with said alternate display interface format, wherein said further bookmarked Web document may also be displayed in said same alternate display interface format (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

In regards to dependent claims 5 and 19, Khan does not expressly disclose *the Web system of claim 1 wherein said means for predetermining provides a plurality of said alternate display interface formats; and*

further including a document folder associated with each of said alternate display interface formats.

Kendall teaches *means for predetermining provides a plurality of said alternate display interface formats* (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

Kendall does not expressly disclose *further including a document folder associated with each of said alternate display interface formats*.

However, Burke teaches *a document folder associated with each of said alternate display interface formats* (col. 5, lines 8-36; Burke teaches categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall further in view of Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claim 6, Khan in view of Kendall does not expressly disclose *the Web system of claim 5 wherein said means for enabling a user to put a bookmarked Web document into a document folder permits the user to put the bookmarked document into a plurality of folders respectfully associated with a plurality of alternate display interface formats* (col. 3, line 56 - col. 5, line 36; Burke teaches a user interface in which categorizing bookmarks by allocation of different folders or file

Art Unit: 2176

groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder *associated with a plurality of alternate display interface formats.*

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to modify Khan and Kendall in view of Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claims 7 and 20, Khan disclose *the Web system of claim 5 wherein said means for displaying simultaneously displays said plurality of Web documents having said alternate formats in respective separate windows* (col. 14, line 55 - col. 15, line 16; Khan discloses displaying customized web pages. Using the broadest interpretation, the examiner determines "customized" to include but not be limited to *documents having said alternate formats*. It has been established and it well known in the art that by clicking on a hyperlink within a displayed Web document, the associated Web document of the hyperlink click will display, and it is typically displayed in a separate window.).

In regards to independent claim 8, Khan discloses *bookmarking a received Web document* (col. 1, lines 55-64; Khan discloses creating bookmarks to form a link to a web site so that access to the linked web site is granted upon selection of the bookmark.).

Khan does not expressly disclose *predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents;*

providing a document folder associated with each alternate display interface format, said document folder providing each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format;

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and

displaying bookmarked documents in said document folder in said alternate display interface format.

Kendall teaches *predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents* (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Khan and Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

Khan in view of Kendall does not expressly disclose *providing a document folder associated with each alternate display interface format, said document folder providing*

each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format;

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and

displaying bookmarked documents in said document folder in said alternate display interface format.

However, Burke teaches *providing a document folder associated with each alternate display interface format, said document folder providing each Web document put into said folder with a set of predetermined characteristics and values defining said alternate display interface format* (col. 5, lines 8-36; Burke teaches categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format (col. 3, line 56 - col. 5, line 36; Burke teaches a user interface in which categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic.).

displaying bookmarked documents in said document folder in said alternate display interface format (col. 5, lines 37-52; Burke teaches displaying the bookmarks to the user. It has been established and it well known in the art that access to the

Art Unit: 2176

bookmarked document/ web site is acquired by clicking/selecting the bookmarked URL.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Khan in view of Kendall with Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claim 9, Khan does not expressly disclose *the method of claim 8 further including the steps of:*

further, bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format; and

putting the Web document accessed through further bookmarked hyperlink into the document folder associated with said alternate display interface format, wherein said further bookmarked Web document may also be displayed in said same alternate display interface format.

However Kendall teaches *further, bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format* (0037; Kendall teaches the URL may be requested by clicking on a URL in another web page, clicking on a hyperlink in an email note, or any other method known or which becomes known in the art. The concept of bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format has been established and it well known in the art.).

putting the Web document accessed through further bookmarked hyperlink into the document folder associated with said alternate display interface format, wherein said further bookmarked Web document may also be displayed in said same alternate display interface format (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

In regards to dependent claim 10, Khan discloses *the method of claim 8 further comprising: a Web browsing process at said receiving display station including said steps of:*

bookmarking a received Web document (col. 1, lines 55-64; Khan discloses creating bookmarks to form a link to a web site so that access to the linked web site is granted upon selection of the bookmark.).

Khan does not expressly disclose *predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents;*

providing a document folder associated with each alternate display interface format;

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and
displaying bookmarked documents in said document folder in said alternate display interface format.

Kendall teaches *predetermining at least one display interface format alternate to said standard display interface format for bookmarked Web documents* (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine Khan and Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

Khan in view of Kendall does not expressly disclose *providing a document folder associated with each alternate display interface format;*

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format; and
displaying bookmarked documents in said document folder in said alternate display interface format.

However, Burke teaches *providing a document folder associated with each alternate display interface format* (col. 5, lines 8-36; Burke teaches categorizing

Art Unit: 2176

bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

enabling a user to put a bookmarked Web document into a document folder associated with an alternate display interface format (col. 3, line 56 - col. 5, line 36; Burke teaches a user interface in which categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

displaying bookmarked documents in said document folder in said alternate display interface format (col. 5, lines 37-52; Burke teaches displaying the bookmarks to the user. It has been established and it well known in the art that access to the bookmarked document/ web site is acquired by clicking/selecting the bookmarked URL.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to combine Khan in view of Kendall with Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claim 11, Khan does not expressly disclose *the Web method of claim 10 wherein said Web browsing process further comprises said steps of:*

Kendall teaches *further bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format* (0037; Kendall teaches the URL may be requested by clicking on a URL in another web page, clicking on a hyperlink in an email note, or any other method known or which becomes known in the art. The concept of bookmarking a hyperlink in a bookmarked Web document in a document folder associated with an alternate display interface format has been established and it well known in the art.).

putting the Web document accessed through said further bookmarked hyperlink into the document folder associated with said alternate display interface format, wherein said further bookmarked Web document may also be displayed in said same alternate display interface format (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

At the time of the invention, it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall for the benefit of storing view settings/preferences of URLs, which makes access to the page faster (0017).

In regards to dependent claim 12, Khan does not expressly disclose *the method of claim 8 wherein said step of predetermining provides a plurality of said alternate display interface formats; and*

said step of providing respectively provides a document folder associated with each of said alternate display interface formats.

Kendall teaches *said step predetermining provides a plurality of said alternate display interface formats* (0015-0018; 0036-0037; Fig. 7; Kendall teaches user selected format preferences, along with storing the format preferences for web pages in memory.).

Kendall does not expressly disclose *said step of providing respectively provides a document folder associated with each of said alternate display interface formats*.

However, Burke teaches *said step of providing respectively provides a document folder associated with each of said alternate display interface formats* (col. 5, lines 8-36; Burke teaches categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder associated with each alternate display interface format.).

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to modify Khan with Kendall further in view of Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claim 13, Khan in view of Kendall does not expressly disclose *the method of claim 12 wherein said step of enabling a user to put a bookmarked Web document into a document folder permits the user to put the bookmarked document into a plurality of folders respectfully associated with a plurality of alternate display interface formats* (col. 3, line 56 - col. 5, line 36; Burke teaches a

Art Unit: 2176

user interface in which categorizing bookmarks by allocation of different folders or file groups for containing bookmarks of different theme and topic. Thus Burke teaches/suggests a document folder *associated with a plurality of alternate display interface formats.*)

Therefore, at the time of the invention it would have been obvious to a person of ordinary skill in the art to modify Khan and Kendall in view of Burke for the benefit of storing and activating HTML bookmarks addresses (col. 1, lines 38-40).

In regards to dependent claim 14, Khan disclose *the method of claim 12 wherein said steps of displaying simultaneously displays said plurality of Web documents having said alternate formats in respective separate windows* (col. 14, line 55 - col. 15, line 16; Khan discloses displaying customized web pages. Using the broadest interpretation, the examiner determines "customized" to include but not be limited to *documents having said alternate formats*. It has been established and it well known in the art that by clicking on a hyperlink within a displayed Web document, the associated Web document of the hyperlink click will display, and it is typically displayed in a separate window.).

Response to Arguments

6. Examiner has withdrawn 35 USC § 101 Claim Rejections.

7. Applicant's arguments, see Remarks filed 29 Dec. 2006, with respect to the rejection(s) of claim(s) 1-20 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, new ground(s) of rejection are based on newly found prior art reference of Khan and Burke.

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to James J. Debrow whose telephone number is 571-272-5768. The examiner can normally be reached on 8:00-5:00pm.

Art Unit: 2176

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 571-272-4136. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JAMES DEBROW
EXAMINER
ART UNIT 2176



Doug Hutton
Primary Examiner
Technology Center 2100